19980303.qrp v01_n018.qrs.980303

Date: Tue, 3 Mar 1998 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1018

QRP-L Digest 1018

Topics covered in this issue include:

by jerrydeen@juno.com (Gerald A Huldeen)
20) [5139] Fw: FOX spot
by "George Edwards" <gedwards@onramp.net>
21) [5140] FS LAST 38Spec ON EARTH !!
by destimson@juno.com (Dick Stimson)
22) [5141] FOX NOTICE: AA1MY
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
23) [5142] Re: W3EDP vs. Dipole
by jim nestor <nestoji@home.com>
24) [5143] SP Monday night
by joel malman <malman@world.std.com>
25) [5144] Strong Sigs from Europe
by "tom palmer" <n1tp@worldnet.att.net>
26) [5145] Re: Dxpedition operating question
by Vic Rosenthal <rakefet@rakefet.com>
27) [5146] "swain" <kj7zq@sisna.com>: HW- 9 Query
by gsurrency@juno.com (Gary L Surrency)
28) [5147] artifical ground
by the one and only <mitch96@pobox.com>
29) [5148] Swap/Trade ?
by JFelts4572 <JFelts4572@aol.com>
30) [5149] WQ3RP - Spartan Sprint
by George Gingell <k3tks@u1.abs.net>
31) [5150] Re: Looks like we're getting the 1750m band!
by pmk@juno.com (Patrick M Kvitkauskas)
32) [5151] N6WG Fox Report (Long, as usual!)
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
33) [5152] Re: Looks like we're getting the 1750m band!
by Scott Bauer <ke3nv@erols.com>
34) [5153] Re: Looks like we're getting the 1750m band!
by Monte Stark <ku7y@dri.edu>
35) [5154] MFJ MODS/news letter for early rigs
by RangerSF5 <RangerSF5@aol.com>
36) [5155] Re: Looks like we're getting the 1750m band!
by Scott Bauer <ke3nv@erols.com>
37) [5156] VERY Non-QRP: Art Bell
by n7mfb@juno.com (Bill Todd)
38) [5157] FS WYSE-30
by "J. Skalski" <jskalski@acsu.buffalo.edu>
39) [5158] WANTED:T-T #282 CW Filtre
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
40) [5159] Re: N6WG Fox Report
by Bertie Hightower <bertieh@dancris.com>
41) [5160] unintentional interferrence
by minie@ed11a.msfc.nasa.gov (minie)
42) [5161] FS: NC38S Unbuilt
by "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
43) [5162] New style NorCal(?) paddle kit. Anyone have a progress report?

Date: Mon, 2 Mar 1998 23:51:03 -0000
From: George Dobbs <g3rjv@gqrp.demon.co.uk>
To: we6w@qsl.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5120] Re: W3EDP Information.
Message-ID: <01bd4636$0f1ed8a0$LocalHost@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In my files I have copy of the original article about the W3EDP antenna
by Yardley Beers W3AWH, where he describes
"An Unorthodox Antenna" by his friend H.J. Seigel, W3EDP
(QST for March 1936.)

It was developed entirely by "cut and try" rather than from any theoretical
work.

If enough people are interested I could try an OCR scan of the article.
Or simply bring a photocopy to Dayton....

72/3
George Dobbs G3RJV   "It is vain to do with more
g3rjv@gqrp.demon.co.uk   what can be done with less"
The G QRP Club   William of Occum. 1290-1350

Date: Mon, 2 Mar 1998 19:11:53 -0500
From: Joseph Everhart <n2cx@voicenet.com>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: qrp-l@Lehigh.EDU, njqrp@njqrp.org
Subject: [5121] Re: NJQRP to Invade NEQRP and ARRL Mar 15!!
Message-ID: <199803030011.TAA10246@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:31 AM 3/2/98 -0800, you wrote:
>Joe --
>
>I'm afraid that I won't be able to make the 3000 mile trip, but I would like
>to try to contact you all through W1AW. Can you post some details about
>when and where you will be on the air?
>
><Mike K1MG
>

>

Mike,

Sorry you won't be able to make it! On the other hand you are not alone.
I've gotten several cooments from folks near the left coast and doown into
the Southwest who send along their regrets. :-)

I don't actually know the schedule, but we usually get over to '1AW about 2 pm
EST. Activity is on all of the active bands and usually predominantly cw.
I will try to be sure that someone is on 20 and/or 15 cw between 2 asnd 3 pm.
Can't guarantee it, but we'll try. You can't miss the call sign!

OTOH I remember that the lst several years we *have* set the beam west and
tried to work some of the gang on the other coast with no results. Look
for us!

And NJQRP gang, listen up! We've been asked if we will have indisputable
photographic evidence to prove that we really were there. We need
stinkin' peectures!

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com
work: jeverhar@camden.lmco.com

Date: Mon, 2 Mar 1998 19:12:29 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [5122] mobile antennas?? follow up
Message-ID: <199803030012.TAA00803@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

 I just wanted to thank everyone that has given me suggestions
for a good mobile antenna. My plans are for SW listening and
HF. Every person that replied to my posting said to use the
"Screwdriver" DK3 made by W6AAQ. In fact I have been lucky
enough to get a slightly used one as a result from my post.

If anyone is interested in this antenna, the website is www.w6aaq.com I think this antenna will be a very good one for me.
Thanks again to all that suggested the Screwdriver to me.

72, Scott

Date: Mon, 2 Mar 1998 17:12:35 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [5123] NorCal's QRPTTF Coming Soon!
Message-ID: <199803030012.RAA17174@usr04.primenet.com>

Howdy Folks,

Sick of all this rain and snow? Just itching to get outside and bask in the warm sun like some hypothermic lizard? Well the NorCal Crew has just the thing for you! Clear out April 25th on your calendars and get ready to celebrate the Spring Thaw with some QRP fun!

Yep, in less than two months the 4th Annual NorCal QRPTTF will be upon us! (QRPTTF = "QRP To The Field") QRPTTF is not only a nice way to field-test your station before ARRL Field Day, it's a chance to do it on a day free of endless QRO QRM, plus work on your QRP WAS award, meet old friends and make new ones, all while working on that pre-summer tan.

This year's theme is "Run to the Borders" - stations located on state/DX borders (and we mean *on* those borders ;-)) will be worth extra points, plus those border ops will get a special multi of their own.

So start bargaining with the spouse/significant-other now and get your field gear ready. With the high bands starting to open up, this is gonna be a fun one!

Rules to follow shortly (both here on QRP-L and on the NorCal website). Time to get working on those 10m/15m rigs!

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Manager
 AZ ScQRPions (Phoenix)

"Donuts! Is there anything they can't do?" -- Homer Simpson

Date: Mon, 2 Mar 1998 17:30:03 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [5124] FYBO: Deadline for Logs 3/7/98
Message-ID: <199803030030.RAA18188@usr04.primenet.com>

Howdy Folks,

Just one week left to get your FYBO logs in via email/snailmail/pack llama/carrier pigeon. Don't forget to send yours so you can get into the FYBO Prize Raffle! Winners will be selected at random from logs recieved (and no cheating, 'cuz we're gonna do some basic cross-checking ;-)).

Raffle prizes will include a Rainbow Tuner and 38 Special courtesy of the AZ ScQRPions, and probably at least one bag of microwave pork rinds. Can't beat that! :)

Plus, whichever QRP-L member worked the most AZ stations during FYBO will win a GM-XX xcvr from Small Wonder Labs (band of your choice), courtesy of Dave (NN1G) and Jay (WA5WHN). Note that a 10m version is now available to enjoy all those new sunspots with. ;-)

I'll be away from email for the rest of the week, but Bob (KI7MN) still has the FYBO summary sheet on his website <www.dancris.com/~ki7mn> if you need it.

Email logs to vole@primenet.com or snailmail them to my callbook address (POB 1822, Goodyear, AZ 85338).

Thanks again to all who joined in the fun! We ScQRPions are in your debt!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave Rose, Fellow Snow Camper

Date: Mon, 02 Mar 1998 20:03:10
From: "Gary M. - W2UX" <mail4gary@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [5125] Best Soldering Temperature?
Message-ID: <3.0.3.16.19980302200310.38c71d96@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Well I finally treated myself to a new soldering station. Tired of those throw away pencils. It is time to start my 6 meter transverter TenTec kit that I got from the Group Buy (thanks Scott) and want to know the best temperature to set this puppy at for soldering today's components to today's PC boards.

Thanks
Gary

==========
72/73 de W2UX
Gary McCaughey
Lexington, SC
CW is the REAL THING!
Use it....or lose it.
QRP-ARCI QRP-L CQC
==========

Date: Mon, 2 Mar 1998 17:03:45 -0800 (PST)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [5126] 38 Special heat sinks rcvd?
Message-ID: <199803030103.RAA06497@netcom4.netcom.com>

Anyone received 38 Special heatsink from San Luis Machine?

73 Dave WB0GAZ dgf@netcom.com

Date: Mon, 2 Mar 1998 19:14:38 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [5127] 40mtr loop continued
Message-ID: <199803030114.TAA28394@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High guys/gals;

Been playing with my new 40mtr loop ant and have found it will give me a good match thru the balun on forty, twenty, fifteen, ten meters... nice little suprise... even made a voice ssb, qso on 17mtrs...

On twenty meters I worked back home (from maine to louisiana) to my former neighbor in new iberia la. W5ZR Bert. He has a four element quad up eighty five feet... he was over s9 and I was s7... great ssb qso.

I am in the process of putting up another loop at a 90* angle to this one and will see what it will grab!!! I'll use a dpdt switch to go from one to the other. This should be interesting....

Gives new meaning to the term "getting looped" :-)
joel wa5cvm/1 strong, maine... in the sneaux...

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
80 mtr dipole up 50ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Tue, 3 Mar 1998 06:35:19 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-l@Lehigh.EDU>
Subject: [5128] Re: Looks like we're getting the 1750m band!
Message-ID: <002001bd46a9$e2fb9dc0$4ea8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK who's going to be the first to do a 1750 meter band module for their Sierra?
72...Steve

Steve/N0TU/solar powered QRP & wire antennas
Monument,Colorado Grid Sq DM79NB
email:n0tu@webaccess.net
-----Original Message-----
From: W0rw@kktv.com <W0rw@kktv.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, March 02, 1998 4:25 PM
Subject: Looks like we're getting the 1750m band!

>Lets get on the air!!!
>
>The American Radio Relay League has successfully petitioned the National
>Telecommunications and Information Administration in hope of gaining that
>agency's support for a new ham band at 160 to 190 kilohertz. The NTIA says
>it has no objections to United States radio amateurs being given access to
>this very low frequency band and will support its creation.
>
>de w0rw
>
>to: INT:cqc@mtechnologies.com
>cc: INT:W6UJX@aol.com
>   INT:k6cje@juno.com
>   INT:NHulbert@ccs.lmco.com
>   INT:ppraanet@qth.net
>   INT:qrp-l@lehigh.edu
>

Date: Mon, 2 Mar 1998 20:58:11 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5129] Re: Looks like we're getting the 1750m band!
Message-ID: <199803030155.4893900@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

What I wanna know is what rancher is going to be the first to put up an extended double Zepp for 1750. According to my little calculator, http://members.mdn.net/jjmcd/wb8rcr.htm that thing will be a mile and a half long! A quarter wave vertical is almost as long as a dragstrip!

73 de WB8RCR

Date: Mon, 2 Mar 1998 20:32:57 -0600
From: "Claton Cadmus" <aplitech@spacestar.net>
To: "QRP-l" <qrp-l@Lehigh.EDU>, <mail4gary@worldnet.att.net>
Subject: [5130] Re: Best Soldering Temperature?
Message-ID: <000301bd464d$4aa07de0$79cebfce@groucho>

Gary M. - W2UX asked in reference to soldering temp:

>..............want to know the best
>temperature to set this puppy at for soldering today's components to
>today's PC boards.

Set it to the temperature that allows you to solder a good joint in the count of three.

Works for me, hope it works for you.
73 de Cla KA0GKC

Date: Mon, 02 Mar 1998 21:35:56 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-l@Lehigh.EDU
Subject: [5131] Re: Looks like we're getting the 1750m band!
Message-ID: <19980302.213504.8023.1.nq2rp@juno.com>

There's nothing that would prevent one from putting their Sierra on 1750M right now, as long as the power was kept within the Part 15 limits. Why wait?

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

--------- Begin forwarded message ----------
>From: "Steve Galchutt" <n0tu@webaccess.net>
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Looks like we're getting the 1750m band!
>Date: Tue, 3 Mar 1998 06:35:19 -0700
>Message-ID: <002001bd46a9$e2fb9dc0$4ea8a3cc@sg2939m.webaccess.net>

>OK who's going to be the first to do a 1750 meter band module for their
>Sierra?
>72...Steve
_____
>Steve/N0TU/solar powered QRP & wire antennas
>Monument,Colorado Grid Sq DM79NB
>email:n0tu@webaccess.net
>>-----Original Message-----
>>From: W0rw@kktv.com <W0rw@kktv.com>
>>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>>Date: Monday, March 02, 1998 4:25 PM
>>Subject: Looks like we're getting the 1750m band!

>>Lets get on the air!!!
>>
>>The American Radio Relay League has successfully petitioned the
National
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says
>>it has no objections to United States radio amateurs being given access
to
>>this very low frequency band and will support its creation.
>>
>>de w0rw
>>
>>to: INT:cqc@mtechnologies.com
>>cc: INT:W6UJX@aol.com
>>   INT:k6cje@juno.com
>>   INT:NHulbert@ccs.lmco.com
>>   INT:ppraanet@qth.net
>>   INT:qrp-l@lehigh.edu
>>

--------- End forwarded message ----------

Date: Mon, 02 Mar 1998 20:48:28 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [5132] Zip Cord Antenna (long)
Message-ID: <3.0.1.32.19980302204828.00690d0c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Some updates and clarification.

Because my QRP rig is for 20 meters, the test measurements are at 14.060 MHz. The property of materials is from Reference Data for Engineers and 10 Mhz was the closest. There wasn't much difference at 100 MHz though.

I looked at the W6RCA website and couldn't find any antenna using 300 ohm twin lead. They all used 450 ohm open wire line matched to some length of 50 ohm coax. They looked like they would weigh several pounds and require complex assembly. The three variations of the zip cord antenna models I'm working on each weigh less than 8 ounces -- 75 total feet with one end zipped back about 16 feet. (75 feet of good quality 300 ohm twin lead weighed 12 ounces but with a lot more bulk.)

Use of coax is not an option for this project. The intention is to use balanced line only and the ZM-2 tuner with the NW20 QRP rig. I will compare the zip cord antennas to coax-fed antennas when I do the T/R testing. Note that, based on my sample of 1, the losses of the zip cord are a little less than RG-174 coax -- but not much.

Only readily available equipment that most amateurs might have will be used for testing, e.g., transceivers, tuner, SWR/power meter, DMM, dip meter, resistor loads, and matching transformers wound on toroids. I could simplify the job if I had a time domain reflectometer but...

So far, the impedance of the line was calculated using the spacing of the

wire and the dielectric constant of the PVC material. The capacitance per foot was determined using the dip meter and capacitor substitution method. Power loss was measured using a bead thermistor attached to the load and a DMM. One watt was used to heat a 1.5 W 130 ohm resistor with and without the feed line. The delta resistance of the thermistor measurements indicated the heat lost in the feed line.

Duffy indicated that there may be a problem with wierd reflections because of inconsistet spacing of the wires. This may be possible but probably only at very short wave lengths. I did a sample of the spacing and found it very consistent. The speaker zip cord wire I have appears to be quite well made with no obvious deformity.

Antenna range testing results to follow...

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Mon, 02 Mar 1998 21:35:56 EST
From: nq2rp@JUNO.COM (B/BAMS Club Station)
To: qrp-l@Lehigh.EDU
Subject: [5133] Re: W3EDP vs. Dipole
Message-ID: <19980302.213504.8023.3.nq2rp@juno.com>

A couple of requests for more details on the W3EDP installation, so I am posting this directly for all...

I have the shack at the back of the house, and I put the ATU in the window, about 10 feet from the desk. The ATU was made with coils wound on pill bottles, and tuned with a Hammarlund 325pF "Receiving" cap, plate spacing good for about 1KV. The 80 Meter tank had a 5-turn link and the 40 meter tank had a 2-turn link. I bandswitched the ATU with a set of clip leads.

The 84-foot wire was tied off with an insulator to a screw-eye in the window frame (already there from an earlier project) and was run in under the bottom of the storm window (vinal windows here). It was run to a tree about 100 feet from the house, and I tossed a line over a branch at the 30 foot level, so the high point on the radiator was about 25 feet, and the wire went up at about a 20-degree angle.

The counterpoise ran out the opposite corner of the storm window, and went along the side of the house and out at about 60-degrees, and was

held up with a length of nylon twine (tied off to the mast on the 30 Meter Inverted Vee). All the wire was #14 THHN with the insulation in place.

10 feet of RG-8X ran to the A/B switch, and then thru the SWR bridge to the rig(s). No RF was evident in the shack.

I did take the homebrew ATU out of line and substituted a Kenwood AT-200, and it tuned just fine with that ATU. Any ATU that can handle a single-wire antenna should do the job out of the box. Even the MFJ-16010-ST wire tuner should be good enough if your junkbox won't cough up the prerequisite parts on demand.

That's it. A simple installation, no frills or embellishments.

Now... I am thinking of running a test with the W3EDP and the LDG AATU. If I can spare the bucks, I plan to get one soon, and I am investigating the possibility of borrowing one from one of the BARK members locally for the test.

Here's the plan:

I am going to set up the AATU in a small shed out at the far end of the lot, run 12 VDC to it for the AATU, run the 84-foot radiator up at as steep an angle as I can to either one of the trees or to a 40 foot mast. The counterpoise will be elevated a few feet, and run perpendicular to the radiator, or diametrically opposed. I should, from what the LDG literature says, be able to "load the antenna on all bands, 160 - 10 Meters, and fully automatically!

The prospect boggles the mind! The perfect covert antler for the Antenna Challenged ham! Just get yourself a doghouse (dog is optional), put the AATU in said enclosure, run the coax below grade to the dog house and run the radiator back up to the peak of the abode (It's a dog run, if anyone asks), and you are on the air, covanents be damned! The coax is (if anyone asks) the water line to the doggy dish. You are, after all, a compasionate dog owner, and wnat your friendly DX-Hound,to not suffer from dehydration, right???

Just a thought...

Anyway, when I can get all my ducks in line, and get some data, I'll post the results of the "W3EDP Remote Radiator System" here on the list. It's going to be a week or 3, and if you have the parts on hand, go for it! I will be glad to read the results from another site if you get there first...

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

Date: Mon, 02 Mar 1998 19:52:43 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [5134] FOX spot
Message-ID: <34FB707B.2E0C947@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The fox is loud and strong on 7042.3. Better excersize them rits. I
worked him 500 up. The chat room is open and alive for fox chat at
http://www.qsl.net/n0tfi/foxchat.html
If you wnat to drop by and swap fish er fox stories....

--
Jess N0TFI <><
http://www.concentric.net/~jessqrp Personal Home page
http://qsl.net/N0TFI Fox Audio Page

Date: Mon, 2 Mar 1998 21:08:50 -0600
From: destimson@juno.com (Dick Stimson)
To: qrp-l@Lehigh.EDU
Subject: [5135] test
Message-ID: <19980302.210858.6566.0.destimson@juno.com>

test

_____

Date: Mon, 02 Mar 1998 20:28:41 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: ki7mn@dancris.com, qrp-l@Lehigh.EDU
Subject: [5136] Re: Wyse 50 Terminals
Message-ID: <34FB1679.32A8F05@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've used a Wyse 50 and a Wyse 75 for packet and the DX Cluster. Both worked OK as a dedicated unit. Even used the 75 for RTTY and PACTOR.

Priced about $35-40, they would be a good buy.
--
72/73, de Roger, N7KT

Date: Mon, 2 Mar 98 19:29:13 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: dx@ve7tcp.ampr.org (dx), qrp-l@Lehigh.EDU (qrp)
Subject: [5137] Dxpedition operating question
Message-ID: <9803030329.AA10244@wizard.ucs.sfu.ca>

Today I encountered an interesting situation. I have been working the various pacific expeditions with good sucess, but seem to have come across a problem with the current South Cook ZK1tnn ZK1ktt operation.

While my primary interest is qrp, if conditions are marginal, I will work them qro (100w) to make sure they are in the log for a new one. Then if conditions improve, and/or the volume of qso's decreases I will go for them again signing mycall/qrp. Most of the operations acknowledge this and seem to have no problem with it. Now for some reason these guys don't seem to like it.

If I've done something wrong would be happy to apologise, but so far can't see it.

Any feedback will be appreciated.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

Date: Mon, 2 Mar 1998 21:34:45 -0600
From: jerrydeen@juno.com (Gerald A Huldeen)
To: qrp-l@Lehigh.EDU
Subject: [5138] Fox
Message-ID: <19980302.213515.3374.0.Jerrydeen@juno.com>

Boy Bob, what a concert you put on tonight. Ol' Kenwood was really howling! Even though I got there a little late and had to take a seat in the back, you still found me. Tnx for an excellent 5 star performance!

72,
Jerry WB0T
Sioux City, IA
QRP-L 1268, ARCI 5641, FISTS 3807

Date: Mon, 2 Mar 1998 21:55:49 -0600
From: "George Edwards" <gedwards@onramp.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5139] Fw: FOX spot
Message-ID: <199803030400.WAA05490@mailhost.onramp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> 500 up worked for me too....he was hard to hear through the noise at my QTH
> tonight....but we made it anyway.
>
> Bob has a good practice of controlling the current hunter and the pack by
> sending QSL as the first three characters on his confirming exchange (even
> before BK)......this gives the hunter something clear to listen for so he

> can stop with a certain level of confidence....and it sends a signal to
the
> pack to get ready to call again immediately following his current
> transmission.
>
> This is just my opinion.....but I listened to the hunt off and on for an
> hour after I worked Bob.....and even with the high band noise and what
> seemed to be a large pack.....he was turning the stop/go switch off and
on
> using this technique. This would also work with
> R......OK.......TU.......FB......in case you want options.....but I still
> think QSL is best.
>
> IMHO
>
> ED/K5VUU
>
> George Edwards
> Spring TX QRP-L 1343
> ----------
> > From: Jess Gypin <jessqrp@concentric.net>
> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Subject: FOX spot
> > Date: Monday, March 02, 1998 8:52 PM
> >
> > The fox is loud and strong on 7042.3. Better excersize them rits. I
> > worked him 500 up. The chat room is open and alive for fox chat at
> > http://www.qsl.net/n0tfi/foxchat.html
> > If you wnat to drop by and swap fish er fox stories....
> >
> > --
> > Jess N0TFI <><
> > http://www.concentric.net/~jessqrp Personal Home page
> > http://qsl.net/N0TFI Fox Audio Page
> >
> >
> >

Date: Mon, 2 Mar 1998 21:46:02 -0600
From: destimson@juno.com (Dick Stimson)
To: qrp-l@Lehigh.EDU
Subject: [5140] FS LAST 38Spec ON EARTH !!
Message-ID: <19980302.214607.6566.1.destimson@juno.com>

For sale: The last un built 38special with Tick 1 keyer chip on earth!!

My original cost; plus current postage = $35.00 (I paid $33.00 for it originally). Not for the faint of heart, this kit has proven to be a challenge. I on the other hand am not up to it and have instead enrolled in the up-coming Elmer 101 class.
In an interest to be fair to those who don't check their e-mail every 5 minutes and have missed out on some good buys as I have, I propose the following:

1. I am posting this at 10:00pm CST and will check my e-mail tomorrow night at this same time for responses.

2. However many responses there are, ie 3 maybe 7, maybe 11 etc etc I will then ask my XYL to pick a number between 1 and ???, and I will contact that person. (Note, my XYL has no knowledge of this sale and has never read this list)

3 Direct e-mail reponses only, please.

Tnx and 72's
Dick KK5XO Edmond, Ok

Date: Tue, 3 Mar 1998 04:02:01 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [5141] FOX NOTICE: AA1MY
Message-ID: <19980303040153.AAC15497@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

GREETINGS, ALL... AND APOLOGIES FOR MY ABSENSE LO THESE MANY MONTHS, BUT PRIORITIES HAVE BEEN STACKED AGAINST THE HOBBY LATELY. I'LL BE ON AS SCHEDULED, THO WITHOUT MY BIG MAMMA LOOP WHICH BIT THE MUD IN LAST MO'S STORM, BIG TIME. INSTEAD I'LL BE FLYING A 2 EL VERT. WIRE BEAM, (A LA W6RCA'S WEB PG) TOPPED AT 60'. IT'LL BE POINTING DUE WEST BUT BEFORE YOU 'DILLERS PANIC -IT HAS A 140 DEG. BEAMWIDTH AND LONG RANGE, SO AT DISTANCE SHOULD HANDLE EVERYTHING FROM NOME TO NOGALES! I'LL BE REALLY RUSTY SO BE PATIENT PLEASE!

CT AA1MY Mar 4 0300-0500 (UTC); 7.036 up pending QRM; 5W.

(we ARE still hanging around .036, aren't we?)

72 =s=

Seab Lyon, AA1MY, Bethel, CT, USA
FN-31-HJ; ARRL; QCWA; ACRI#9253;
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:
http://www.danbury.org/org/cara/

Date: Mon, 02 Mar 1998 23:15:41 -0500
From: jim nestor <nestoji@home.com>
To: qrp-l@Lehigh.EDU
Subject: [5142] Re: W3EDP vs. Dipole
Message-ID: <34FB83ED.C7359296@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keith, WB2VUO wrote:

> Now... I am thinking of running a test with the W3EDP and the LDG AATU.

I used a W3EDP antenna with an LDG QRP Autotuner for camping last summer. I made a couple of small baluns, one was just some RG-174 wound around a ferrite rod, the other was a small toroid wound as a 4:1 transformer. Both seemed to work equally well.

Ran the 85' wire straight up about 20-30 feet over a tree branch then a sloping flattop from there. The 17 foot counterpoise was just run on the ground.

Didn't use all bands or do any fancy testing. Just ran 2-5 watts of CW on 80, 40, 30, 20 meters with good results. Also made a couple of nice 12 meter SSB QSOs.

The W3EDP and LDG tuner makes a great portable system, easy to install and easy to use... and it works.

72,

Jim, WK8G/2

nestoji@home.com

Date: Mon, 02 Mar 1998 23:21:15 -0500
From: joel malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: malman@world.std.com
Subject: [5143] SP Monday night
Message-ID: <199803030421.AA04138@world.std.com>

Seems like this was the best Sprint in about 2-3 months!

40 meters got 'real-long' in the last hour... There were many W6
and W7's heard, not all worked (although I tried). Sigh.

72, and see you all next month!

/joel   wa1qvm (Concord, Mass)

Date: Mon, 2 Mar 1998 11:22:32 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [5144] Strong Sigs from Europe
Message-ID: <19980303042132.AAA11167@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

 Europe is booming in on 40. Easy pickings for QRP QSOs. Tom, N1TP, FL.

Date: Mon, 02 Mar 1998 20:38:51 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: paul1@wizard.ucs.sfu.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5145] Re: Dxpedition operating question
Message-ID: <34FB895B.EB5864F2@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Erickson wrote:

> While my primary interest is qrp, if conditions are marginal, I will
> work them qro (100w) to make sure they are in the log for a new one.
> Then if conditions improve, and/or the volume of qso's decreases
> I will go for them again signing mycall/qrp.

Well, it's up to them to set the rules. But here's what I do: if it's a big multiband dxpedition, I work them first on a harder band (say 40 or 20 meters) with
QRO -- as much power as I need to get them. Then I go after them on 18 mHz and higher with QRP. No dxpedition minds QSO's on multiple bands -- I worked 9M0C on six
bands (40/30/17/15/12/10 meters) running from 4 to 900 watts. The one thing that I
won't do is use that microphone thingie.

Vic K2VCO

Date: Mon, 2 Mar 1998 21:35:56 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [5146] "swain" <kj7zq@sisna.com>: HW- 9 Query
Message-ID: <19980302.214032.10758.0.gsurrency@juno.com>

Gang,

Is there anyone in Utah or thereabouts that could help this gentleman out? If no one can be of assistance, I'll look at it for him as time permits.

Thanks for the bandwidth.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

--------- Begin forwarded message ----------
From: "swain" <kj7zq@sisna.com>
To: <gsurrency@juno.com>
Subject: HW- 9 Query

Date: Mon, 2 Mar 1998 16:46:32 -0700
Message-ID: <199803030011.TAAAA09293@x18.boston.juno.com>

Gary;

My name is Lowell Card "AA7MU'. Address is 2051 East Highway 40, Vernal, Utah - 84078 (tel - 435-789-7041)
I read with interest your fine article regarding the HW-9 in QRPp-winter 95.

I have a virgin HW-9. It has about 3 qso's on 20 meters to its credit, no
mods, and a power supply. An associate bought a kit upon going to Guam, built it and, lacking an antenna location, never put it on the air.

Returning to the US about 15 years ago and having no further interest in CW, the rig ended up in my shack.
I fired it up, and it works fine except does not receive well on 40 and 80
meters.

I am absoulutely a lid when it comes to fixing and tweaking rigs.
I do want to have a multiband qrp cw rig.
As it is too light for a boat anchor, I'd be interested in finding either an Elmer to take the project on to get it fixed, or someone willing to exchange it for a working equivelant rig.
I believe there are hams out there with enough love for a HW-9 to be interested, but I do not have the channels to advertize this rig's availibility.

 Would you please be so kind as to give this query some press through your
means. I dont normally have access to e-mail. A friend gave me this opportunity, and as I couldnt find your address, am sending you this. He
would allow responses via his e-mail return address, or I would prefer responses directly to my address or phone.

Thankyou

Lowell Card 'AA7MU'

--------- End forwarded message ----------

Get completely free e-mail from Juno at http://www.juno.com
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 02 Mar 1998 20:59:40 -0500
From: the one and only <mitch96@pobox.com>
To: Qrp-l@lehigh.edu
Subject: [5147] artifical ground
Message-ID: <34FB640C.4AB2@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,
I will be going to San Fran in a few months and was wondering whats the best way to ground a ohr-400 in a 9th floor apartment. Waterpipe? Mfj aritficial ground? Anybody have one for sale? (artificial ground that is)(i know u guys already!!)
tnx in advance..
Mitch, Ww4mL
Eschew Obfuscation!

Date: Tue, 3 Mar 1998 00:34:40 EST
From: JFelts4572 <JFelts4572@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [5148] Swap/Trade ?
Message-ID: <28aa854.34fb9672@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Geez, you would not believe the number of offers I have got for the Sierra today. I'm making my list, and going down it. I will let everyone know when I have decieded, soo many choices, won't be easy!

Jerry -- NR5A

Date: Tue, 3 Mar 1998 00:56:41 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>

To: QRP List <qrp-l@Lehigh.EDU>
Subject: [5149] WQ3RP - Spartan Sprint
Message-ID: <Pine.BSI.3.96.980303004419.7502B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

"WQ3RP" the new Call for "The MARYLAND MILLIWATT CLUB" was put to the test on the "Spartan Sprint" tonight.

The honor of First Contact goes to "W4DU, Ken Evans" on 40 M CW.

WA1QVM, gets the honor of First QSO on 80 M CW.

We made 11 QSO's in spite of the QRM/QRN & QSB.
GA, AL, OR, CA, NM, & AZ for 40 Meters and MA, PA, MD, & ONT for 80 Meters.

Guess we were in the "Tubby-Tubby" Class. Around 100 Pounds. QRP+, BencherPaddles, MFJ-941 D, HB Keyboard in IBM "Battleship" case with its own 7 AHr Gell Cell on the floor. Station power on 100 AHr? Deep Cycle Marine Battery. It alone must weigh 50-60 pounds :^)

The antennas were the usual 80 Meter horiz loop and a 40 meter vertical loop. both around 45 feet up in the oak trees.

The Spartan Sprint is a monthly FUN thing to do. Try it you'll like it.

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG/WQ3RP
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Tue, 3 Mar 1998 15:39:33 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: jjmcd@mdn.net, qrp-l@lehigh.edu
Subject: [5150] Re: Looks like we're getting the 1750m band!
Message-ID: <19980303.175204.17526.5.pmk@juno.com>

On Mon, 2 Mar 1998 20:58:11 -0500 "John J. McDonough" <jjmcd@mdn.net>
writes:
>What I wanna know is what rancher is going to be the first to put up
>an
>extended double Zepp for 1750. According to my little calculator,

Thats when you unhook the cow zapper (electric fence) and really
put the fire to the wire (or barbed wire) hi. That would make for
a real big loop.

>http://members.mdn.net/jjmcd/wb8rcr.htm that thing will be a mile and
>a
>half long! A quarter wave vertical is almost as long as a dragstrip!
>
>73 de WB8RCR
>

73 de Patrick KD4OBQ

AR

Date: Tue, 3 Mar 1998 00:07:02 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@lehigh.edu>
Subject: [5151] N6WG Fox Report (Long, as usual!)
Message-ID: <351A2DFAE256D111883A0060B06B16623E2E1B@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Boy, am I glad the Propagation Gods came through. Great conditions, a
genuine howling pack of hunters all over the ol' fox and my planning
worked for a change! Antenna and logging system (special paper and
pencil system that was fast, for me anyway) worked great. Ol' Kenwood
was in excellent voice, backed up by a chorus of 8 12v 30-AH batteries
in parallel.

The howling pack was so dense at times I had to RIT way out to the edges

to find enough of a call to work. The recognition factor was in high gear tonight. Some calls I recognized from just a fragment of the call. I'd call back and sure enough, I had it right. At times I was working two stations a minute. Most of the time about one per minute. QSB was rather sharp. Had to ask for repeats sometimes, as half a transmission would just disappear.

New high hunters total for me, 75, beating my previous best of 69 from our last outing.
This session we pulled in 26 states and two Canadian provinces. Would you believe two CT stations. Haven't even heard them in the past. Great work, fellows. CA just edged TX this outing, 14 to 13.

Last time several fellows said they could hear me just fine, but I wasn't hearing them. This outing I switched between the vertical array and my horizontal loop a few times to change my pattern a bit and make sure more folks at least had an opportunity to play. I hope it worked.

Sorry about the QSY during the last 5 minutes or so, but a real loud digibuzz got into Ol' Kenwood's ear, and it just wouldn't go away. So we did.

A lot of familiar calls, some starting to become familiar, and some I'm sure are new to the hunt. So, if Maestro NorCal Paddle will give us a fanfare, we'll read out the roll call of tonight's heroic and deserving hunters.

CALL	TIME	HIS	MY	ST	NAME	NR
N5JI	0200	449	559	TX	DICK	1054
K2VCO	0202	559	559	CA	VIC	725
W6SU	0203	559	559	CA	JOHN	48
W6ZH	0203	559	589	CA	PETE	257
N7IR	0204	559	559	AZ	GARY	1330
K6VNX	0206	559	579	CA	ARLEN	5W
W7SSM	0207	559	559	CA	JOHN	1048
K5ON	0208	559	589	NM	GARY	770
AB7TT	0209	549	579	AZ	JOE	191
KI7MN	0210	559	599	AZ	BOB	271
K5ID	0212	549	559	AR	KEN	652
W0RW	0213	559	579	CO	PAUL	2W
N7KT	0214	559	579	AZ	ROGER	62
N7XJW	0216	579	559	AZ	BERTIE	1259
K1MG	0217	559	579	CA	MIKE	614
K0EVZ	0218	559	589	MN	DOC	861
K5OI	0220	559	599	NM	TIM	73
AB5UA	0222	559	559	OK	CLIFF	478
KO6KA	0222	579	589	CA	ROB	176
N7VE	0224	559	559	AZ	DAN	696

WE6W	0225	559	559	CA	ED	1068
W6KI	0226	559	579	CA	GLEN	138
W0CH	0229	559	559	MO	DAVE	618
K1OJ	0230	559	559	TX	OJ	732
KU7Y	0231	559	559	NV	RON	17
AB7OA	0232	449	559	AZ	KENT	57
WA9PWP	0233	449	569	WI	PAUL	127
KA5T	0235	449	449	TX	LARRY	89
N4XDW	0236	449	559	AL	JAY	1372
N5LU	0239	559	579	OK	BILL	5W
N5TW	0240	559	579	TX	TOM	1474
NQ7X	0241	559	559	AZ	FLOYD	343
KK6MC/5	0243	559	559	NM	JIM	411
WB0T	0244	339	559	IA	JERRY	1268
W5FN	0245	559	579	TX	TIM	586
W8RU	0246	559	579	MI	RON	188
N0TFI	0247	559	579	CO	JESS	1232
N1QQV	0249	339	449	CT	KEN	400
N9KW	0252	559	449	IL	JOHN	1257
N0UR	0253	559	579	MN	JIM	799
K5UP	0255	559	549	OK	GLEN	21
K5VUU	0256	559	559	TX	ED	1343
N6VZ	0258	559	559	CA	GARY	919
AB7MY	0259	559	579	AZ	GARY	571
WD4MSM	0300	449	559	??	HARRY	542
(Just couldn't get your state for some reason, Harry.)						
W5HNS	0305	559	559	TX	HENRY	178
AA9L	0307	449	439	WI	RICH	1355
WB4EXW	0309	339	559	NC	JASON	5W
K5JHP	0315	339	339	TX	BILL	825
VE7CQK	0317	449	559	BC	PAUL	20
WA6NAE	0318	559	559	CA	DWIGHT	2W
N7MFB	0319	559	569	WA	BILL	715
K5NZ	0321	449	559	TX	MIKE	5W
N7GS	0322	559	569	MT	MAL	815
W5XE	0323	559	539	TX	RAY	256
KL7IXI/7	0325	449	559	WA	MIKE	4W
AA5TA	0326	449	559	TX	LARRY	1245
K8DD	0327	449	539	MI	HANK	246
K5ZTY	0328	449	559	TX	BILL	473
N4ROA	0330	539	539	VA	DAN	870
KQ5U	0331	449	559	TX	TERRY	5W
KC1FB	0333	339	559	CT	JIM	29
N6LL	0335	569	599	CA	PAUL	5W
NU6SN	0336	339	559	CA	RICHARD	55
W3CD	0338	339	559	CA	BOB	238
N9DD	0339	339	559	IN	TOM	32
N2VPK	0341	339	559	NY	MARK	314

VE3ELA	0344	339	439	ON	KEN	3W
N1TP	0345	339	339	FL	TOM	1317
NU8ZN	0347	339	449	MI	MARK	1431
N0BS	0349	339	559	MN	TOM	985
W2UX	0352	229	229	SC	GARY	593
KG2LO	0353	339	339	NJ	ROLAND	1445
AB7TK	0356	339	559	ID	RANDY	102
W6EMT	0359	559	569	WA	ROY	369

Now our play is over. The curtain descends, the house lights come up, and the Golden Fox departs stage left for his comfortable fox hole. As the last audience member leaves, our magnificent Forty Meter Playhouse gently fades away. A light breeze blows the last wisps away like an evening fog.

This is not the end of our tale. Keep an ear toward your receivers. Some night, when the QRN is very low, you just might hear a faint CQ FOX DE N6WG whispering in the distance and just a hint of the clamor of a hunting pack . All is in the hands of the mighty Master of the Hunt. Stay tuned.

72 to all, and to all a good night.

The Golden Fox, Bob N6WG and Ol' Kenwood

Date: Tue, 3 Mar 1998 01:20:52 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: pmk@juno.com, qrp-l@Lehigh.EDU
Subject: [5152] Re: Looks like we're getting the 1750m band!
Message-ID: <199803030620.BAA28914@smtp2.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

 Well, I guess were gonna load up those train tracks again too ;-))

 Scott

At 03:39 PM 3/3/98 +0000, you wrote:
>
>On Mon, 2 Mar 1998 20:58:11 -0500 "John J. McDonough" <jjmcd@mdn.net>
>writes:

>>What I wanna know is what rancher is going to be the first to put up
>>an
>>extended double Zepp for 1750. According to my little calculator,
>
>Thats when you unhook the cow zapper (electric fence) and really
>put the fire to the wire (or barbed wire) hi. That would make for
>a real big loop.
>
>>http://members.mdn.net/jjmcd/wb8rcr.htm that thing will be a mile and
>>a
>>half long! A quarter wave vertical is almost as long as a dragstrip!
>>
>>73 de WB8RCR
>>
>
>73 de Patrick KD4OBQ
>
>AR
>
>_____
>You don't need to buy Internet access to use free Internet e-mail.
>Get completely free e-mail from Juno at http://www.juno.com
>Or call Juno at (800) 654-JUNO [654-5866]
>
>
>
>

Date: Mon, 02 Mar 1998 22:28:29 -0800
From: Monte Stark <ku7y@dri.edu>
To: ke3nv@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5153] Re: Looks like we're getting the 1750m band!
Message-ID: <34FBA30D.A851747F@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott Bauer wrote:
>
> Well, I guess were gonna load up those train tracks again too ;-))
>

Hmmmmm, if a train comes by, will that make you mobile?

--
73, Ron, KU7Y

NRA Life------Ex W6JXO, DL4RF, N7CRV------SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150--------DM09cg---------New Washoe City, NV

Date: Tue, 3 Mar 1998 01:42:31 EST
From: RangerSF5 <RangerSF5@aol.com>
To: njqrp@njqrp.org, qrp-l@lehigh.edu, qrp@qth.net
Subject: [5154] MFJ MODS/news letter for early rigs
Message-ID: <7d6bc11b.34fba65a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The download has been sent to all who responded
If for some reason I missed you please "E" mail me and i'll send it right out
Bob
WA2HOQ
BRUCE <rattay@gpfn.sk.ca> VE5RC MAIL KEEPS RETURNING

Date: Tue, 3 Mar 1998 01:55:58 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: ku7y@dri.edu, qrp-l@Lehigh.EDU
Subject: [5155] Re: Looks like we're getting the 1750m band!
Message-ID: <199803030655.BAA12877@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

 No Ron,

 This is a condition called ground train propagation ;-))
 Or night train prop depending on the condx.

 Scott

At 10:28 PM 3/2/98 -0800, you wrote:
>Scott Bauer wrote:
>>

>> Well, I guess were gonna load up those train tracks again too ;-))
>>
>
>Hmmmmm, if a train comes by, will that make you mobile?
>
>
>--
>73, Ron, KU7Y
>
>NRA Life------Ex W6JXO, DL4RF, N7CRV------SOWP #5545-M
>QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
>AR QRP #150--------DM09cg---------New Washoe City, NV
>
>

Date: Tue, 03 Mar 1998 02:01:50 EST
From: n7mfb@juno.com (Bill Todd)
To: nwq-l@scn.org
Cc: qrp-l@lehigh.edu
Subject: [5156] VERY Non-QRP: Art Bell
Message-ID: <19980302.225432.2111.0.n7mfb@juno.com>

I can't believe it - I just got through to his phone line. I even
managed to put in a plug for QRP, and Art said (he's a ham you know) that
"You QRPers should really like the next few years, what with the improved
propagation."

Anyway - This is another example of the lengths I will go, to avoid
reading my homework. I wonder what else I can try now?

CUL, Bill-N7MFB
Olympia, WA
--

Date: Tue, 3 Mar 1998 08:19:44 -0500 (EST)

From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: qrp-l@Lehigh.EDU
Subject: [5157] FS WYSE-30
Message-ID: <Pine.GSO.3.96.980303081658.9188A-100000@callisto.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I recently read some posts about qrp digimodes. If someone is interested in a terminal for packet; I have one for sale.

I never did get around to doing it. The terminal keyboard/monitor are in very good condition. No burn marks or images on the screen.

First $20 gets it.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Tue, 3 Mar 1998 08:26:47 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [5158] WANTED:T-T #282 CW Filtre
Message-ID: <199803030829_MC2-354B-46C2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Looking for a Ten-Tec #282 CW filtre. This is for the narrow filtre position in a Corsair I. Can anyone please assist with this? Thanks in advance.

72/73,
--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.

MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Tue, 03 Mar 1998 06:57:01 -0700
From: Bertie Hightower <bertieh@dancris.com>
To: cnse97@lmpsil02.comm.mot.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5159] Re: N6WG Fox Report
Message-ID: <199803031354.GAA23164@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>N7XJW 0216 579 559 AZ BERTIE 1259

Bob, you did a great job last night...even though there were a few unrulies out there. Thanks for picking me out of the group...it still amazes me how you can pick a callsign out of a group of hundreds...

Take care and 73's,

Bertie
N7XJW

Date: Tue, 3 Mar 98 07:59:50 CST
From: minie@ed11a.msfc.nasa.gov (minie)
To: qrp-l@Lehigh.EDU
Subject: [5160] unintentional interferrence
Message-ID: <9803031359.AA00524@ed11a.msfc.nasa.gov>

I was listening to the fox last night and
somehow punched the wrong button on my
transmitter, resulting in an automatic
transmission of the fox data interchange.
I don't know how I did it, but I promise
to be more careful from now on. It was
a qrp transmission, but it was zero beat
with the fox. cu all, Hal, W4YNG.

Date: Tue, 3 Mar 1998 10:15:12 -0800
From: "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [5161] FS: NC38S Unbuilt
Message-ID: <v03007801b120b8eef523@[128.183.210.205]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yes, Virginia, there is one out there.
Going through my shelf of unbuilt projects, I've
decided this one needs a home.

FOR SALE:
     Unbuilt NC38S kit, including manual **AND**
     110 pages of mods, fixes and revisions from qrp-l.

     $30.00 including shipping in CONUS.

Walt Thomas WA4KAC

Date: Tue, 3 Mar 1998 10:23:58 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "qrp" <qrp-l@Lehigh.EDU>
Subject: [5162] New style NorCal(?) paddle kit. Anyone have a progress report?
Message-ID: <199803031410.JAA18636@atl.org>

Curious as to shipping date for the new style $30 paddle kit.
Suspect one reply to list will satisfy all who are as
impatient as I :-)

-bob

Date: Tue, 03 Mar 1998 14:33:44 +0000 (GMT)
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: "W0rw@kktv.com" <W0rw@kktv.com>
Subject: [5163] RE: Looks like we're getting the 1750m band!
Message-ID: <19980303.143344.wb5rue@stic.net>

On W0rw@kktv.com, W0rw@kktv.com wrote:
> Lets get on the air!!!
>
> The American Radio Relay League has successfully petitioned the National
> Telecommunications and Information Administration in hope of gaining that
> agency's support for a new ham band at 160 to 190 kilohertz. The NTIA says
> it has no objections to United States radio amateurs being given access to
> this very low frequency band and will support its creation.
>
> de w0rw
>
> to: INT:cqc@mtechnologies.com
> cc: INT:W6UJX@aol.com
>   INT:k6cje@juno.com
>   INT:NHulbert@ccs.lmco.com
>   INT:ppraanet@qth.net
>   INT:qrp-l@lehigh.edu
>
>

Any power level limits yet? Right now we can use it at
1 watt with a 15 foot antenna, although I've seen it stated
that we have a 50' limit too. Is this change just going to
make it where we can use our callsigns or are we going to be
able to use higher power? Say, 10 watts or so. There's already
lots of activity there. I have a small transmitter that uses
the colorburst crystal divided by 20 to get 187.5 kHz and it seems
to work just fine. Listen for me on 187.5 kHz on most of
the time. I transmit the signal "RUE at EL09VF." My transmitting
antenna is a 15' aluminum vertical with the transmitter mounted
right at the antenna so that the entire thing is the radiator.

Kevin, WB5RUE
wb5rue@stic.net

Date: Tue, 03 Mar 1998 08:55:50 -0600
From: Rohn <rohn@pubrats.com>
To: qrp-l@lehigh.edu
Subject: [5164] Re: [not quite a]W3EDP vs. Dipole
Message-ID: <199803031608.KAA00172@tavern.pubrats.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I hope y'all will suffer what may be a very elementary question, but...

What benefits are there in running a completely separate wire than the radiating wire for a counterpoise and putting both through their own capacitor over using ladder line and a balun/tuner?

I'm planning to erect my *first* OUTDOOR antenna once spring arrives in Minnesota and had currently settled on a configuration very much like the one being discussed (one leg of the antenna rising to a snaking/twisting horizontal run for about 125' of wire (unfortunately only about 10' high due to power lines and neighbors), the other more or less at ground level around the house sent off in the other direction), but I was thinking of using ladder line to feed it and the built-in 4:1 balun in the MFJ-949E to tune it to resonance.

Would I get better performance, and more bands, by using another method? (and as an aside, would insulated wire hurt dramatically over bare stranded copper?)

I know this isn't the IDEAL configuration, but I'm hoping it beats my only current antenna, the Isotron40 in the attic (it would have to). The RF's gotta go somewhere... I'm hoping it goes OUT - I wanna grab me a fox pelt one day! :)

Thanks and 72's
de Rohn, N0RTX

Date: Tue, 3 Mar 1998 10:43:28 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: w5usj@webwide.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5165] Re: Zip Cord Antenna (long)
Message-ID: <tI7vkXAQ79+0Ewsq@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <3.0.1.32.19980302204828.00690d0c@mail.webwide.net>, Chuck Carpenter <w5usj@webwide.net> writes
>Some updates and clarification.

[deleted]

I used to work on military communication systems. British Army radio

operators usually carry a dipole made from twisted pair field telephone cable with them (the cable was originally developed during WW1!), for use if they have problems communicating on HF with their manpack radio and the usual whip antenna. A colleague characterised the cable for data transmission - it was quite complex, as I recall.

BTW, I visited the Royal Signals regt. HQ once for a demonstration of all the antennas they used, and they had a Clansman HF radio matched to a barbed-wire fence. 8-)

Leon
--
Leon Heller: leon@lfheller.demon.co.uk http://www.lfheller.demon.co.uk
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See http://www.lfheller.demon.co.uk/dds.htm for details of my AD9850 DDS system. See " "/diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Tue, 03 Mar 1998 09:22:04 -0600
From: John Bohnert <johnb@elmhurst.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5166] ZL7DK
Message-ID: <34FC201C.83B6C646@elmhurst.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FYI...Wrkd ZL7DK at 2342 UTC March 2 on 21.027 MHZ with 5W. Op has good ears! This dxpedition moving from band to band in rather predictable fashion on a daily basis. Good hunting

John N9KW QRP-L #1257
Elmhurst, IL

Date: Tue, 03 Mar 1998 09:56:21 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-l@Lehigh.EDU
Subject: [5167] Received Signal levels
Message-ID: <3.0.1.32.19980303095621.0069b998@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It's my understanding that an S unit is generally considered to be 6 dB or

a factor of 2 voltage units.

For example, you could measure the received signal level of two antennas in uV/meter. Antenna 1 produces a signal level of 50 uV/meter. Antenna 2 produces a signal level of 25 uV/meter. This would show as a difference of 1 S unit on the S meter. Note that only 1/2 as much recovered signal is produced by antenna 2.

You would need to make the measurements with the AGC turned off or you would affect the results. The second antenna may actually be worse than the apparent 1 S unit.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Tue, 3 Mar 1998 08:57:20 -0700 (MST)
From: flydnq7x@primenet.com (Floyd Smithberg)
To: cnse97@lmpsil02.comm.mot.com, qrp-l@Lehigh.EDU
Subject: [5168] Re: N6WG Fox Finale
Message-ID: <199803031557.IAA00897@smtp03.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for the "quickie" Bob. Got home from shopping early to prepare for the Final
Performance and set up the rig & keyer. Then my XYL(she's from Liverpool) reminded me that Hyacinth our favorite British Comedy/Spoof was coming on PBS at 7:30. This was before 7PM...that must have completely derailed this old one track mind and about 7:38 while enjoying Hyacinth I returned to "normalcy?" and jumped up, raced back to the shack. Had no trouble finding the pack of baying hounds and there you were, your usual great sig. Made a single quick call and heard my call amidst the still calling other hounds whooping at you. Then back to Hyacinth with a silly smirk on my face. Great job Bob.
Will stay tuned for possible future performances of the beautiful Golden Fox.
72/73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL AMSAT ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=117

Date: Tue, 03 Mar 1998 10:06:43 -0800

From: Mike Broga <mbroga@springnet1.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [5169] Dan's centenial kits
Message-ID: <34FC46B3.4D8D3F17@springnet1.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone any comments on these kits? Direct responses will be fine to keep down the bandwidth.

73

Mike, W9KVF

Date: Tue, 3 Mar 1998 10:10:11 -0600
From: "Wes Jenson" <n0ihm@info.starpoint.net>
To: "QRP-L list" <qrp-l@Lehigh.EDU>
Subject: [5170] Bug Learnin'
Message-ID: <199803031611.KAA06698@info.starpoint.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I had a couple questions here...

I had read somewhere, a while back, that some people who use both bugs and paddles
will use the left hand for the bug, and the right hand for the paddle, or vice versa. The idea being, the hand doesn't get mixed up trying to "remember" one from the other. I don't know if it would be easy to switch back and forth, but I have a Les Logan Speed-X model 515, and the couple times I tried practicing with it, the dits are OK, but the daaaaahhhhs get a little long when you're used to a keyer.

Also, I got an MFJ 40T crystal controlled transmitter some time back, (unknown what
era) and was wondering if there was a simple VFO or VXO to use with it? Would the
CB VFO, that somebody on the list is updating, (along with the Tuna II and Herring Aid), work with this? Something not real involved, since I wouldn't be using it as main
rig or anything. I think there was a companion VFO for it, but I don't know the history

on this unit.

Thanks,

Wes Jenson N0IHM n0ihm@starpoint.net qrp-l 566

Date: Tue, 3 Mar 1998 10:18:16 -0600
From: launerb@crl.com (William H. Launer)
To: qrp-l@lehigh.edu
Subject: [5171] Re: [not quite a]W3EDP vs. Dipole
Message-ID: <v01530502b121dd57c3c0@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I run my insulated wires (antenna and counterpoise) between the sash
and frame (both steel) of the basement window with (seemingly) no
adverse effects. Seems to work on foxes when I find time to listen for
them.

Insulated wire is fine for antennas and counterpoises.

72/73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arci #3551
Grid Square EM48RT

Date: Tue, 3 Mar 1998 08:23:49 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [5172] Golden fox es DX
Message-ID: <01bd46c0$bf5bc6d0$309f5ecf@double_trouble.reliablemeters.com>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A standing ovation to Ol Kenwood and his talented director. ...a consistently outstanding performance. ...punctuated by bursts of applause. ...in fine voice, demonstrating the talents honed through years of performances.

Nice work, Bob!

Also heard KU7Y with his beam turned in my direction for the first time. If you are a student of the DX dance, Ron's choreography is a must study. It only took him a few calls to land in the fox log, but each one was perfectly timed and in the clear, as if by magic -- but it was skill, not magic, that did it.

After you put yourself in the fox's log, stick around and listen to how the others do it. we can all learn a lot about what works and what just wastes energy. I opened the filters up to 2 KHz, so I could hear what was going on above and below N6WG. I could tell that Ron was using his "second" receiver function, because he was split and always waited for a millisecond lull on his transmit frequency before he put out his callsign. He also never called twice.

After putting my daughter to bed, I tuned away from fox country to the DX end of 40 meters, with a couple forays onto 30 meters. 30 meter propagation was very good, but there were few people taking advantage of it. The fun part of the evening was EM1HO. I already have the QSL, but found them running a pileup on 30 meters, and I couldn't resist. Worked him with 5 watts (gotta put an ALC control on this rig and try QRPp sometime), and went off to work some more DX. I came across EM1HO later, and his pileup was pretty thin, so I did something brash. I called again and said, "try 40?" He replied, "try 40? got a clear frequency?" So I said, "7005", and he responded, "OK, QSY 7005". I hit the bandswitch and there he was on 7005. I called and thanked him for QSYing and told him I was QRP. He gave me a few compliments on my QRP signal and we finished the QSO. He then proceeded to peel off the layers on the new pileup on 40. Fun!

I have to sympathize with Paul, 'CQK', because I finished up the night listening to both ZK1TNN and ZK1KTT working the pileup. They spent two hours working "EU only", which really meant "no NA", and then QSYed to 30 meters where I had poor copy. Never once did they let a North American station work them. I'll try again tonight. FYI, 'KTT seems to like to pick one frequency, put in the narrowest filter, and work everyone within 50 Hz of that one frequency. You can't work him if you are calling elsewhere. 'TNN tunes around a little more, but never in large steps. His code speed

is slower and he runs the pileup a little more deliberately and with more partial calls.

Africa and the Middle East are still on my most wanted list. Found a 3B8 calling CQ on 40 meters, but he was too weak to work. (took a while to get the whole call) He finally gave up after I tweaked everything for the last dB. Next time.

Mike K1MG

Date: Tue, 3 Mar 98 09:39:30 MST
From: af852@rgfn.epcc.Edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [5173] 1750 meter band
Message-ID: <9803031639.AA05980@rgfn.epcc.Edu>

One of the attractions of the 160-190 khz range is its experimental status. This attracts licensed amateurs as well as unlicensed operators. If the FCC designates this band as an amateur band, we will lose many of the current inhabitants of the lowfer band, who for various reasons do not wish to have an amateur license or operate under those types of conditions. Someone mentioned the length of the antenna as 15 feet restriction - actually it is 15 meters (50 ft maximum) including feedline and 1 watt input, according to Part 15. My opinion is that if a low freq amateur band is to be set up, it should be away from the 160-190 range, as some of us do when in position, like to listen to the lf broadcast in that range. More stuff than amateur down below. It will be interesting to see which way this will go.

--
Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

Date: Tue, 03 Mar 1998 08:54:46 -0800

From: Vic Rosenthal <rakefet@rakefet.com>
To: cnse97@lmpsil02.comm.mot.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [5174] Re: N6WG Fox Report (Long, as usual!)
Message-ID: <34FC35D6.F8675939@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob, one minor error. The RST I gave you was 599, not 559! What a great signal
you
had.

Vic K2VCO

Date: Tue, 03 Mar 1998 17:04:35 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5175] FOX and Spartan Sprint! CAKE and Eat it too!
Message-ID: <34FC3823.2905@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After the 50 minute Bicycle ride, I make it home 10 minutes
before the Concert began.

Quickly I loaded up the Makita Battery into the 2x4 Wooden
fixture I made. I powered up the OHR-100 and found it
sending a full 3 Watts. Excellent! It took me all weekend
to charge that 5 year old battery and bring it from death.
(It kept popping the charger breaker....)

I bagged Bob after 22 minutes or so and jumped in on the
Spartan sprint. But I switched to my plastic straight
key to limit the station weight.

(Often I wonder if saving the 1.2 pounds of the paddles/keyer
is worth it -- BUT it is fun to do straight key each month.)

This was my best ever Spartan Sprint. EVEN QRS at 12-16 wpm
on the straight key I bagged 25 Q's. What a night.
There were many other's heard but missed due to QRM. Also
forced to QRT for dinner...

XYL didn't allow my, "What? I already ate!".....

I can't wait to post to ARS. GOOD SHOW BOB!
GOOD SHOW ARS!
72 to all,
-Ed
--
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Tue, 3 Mar 1998 00:36:58 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [5176] Quality of the "Foxes"
Message-ID: <19980303173557.AAA998@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang: I'm think I express the thoughts of the members of this network as
follows: We are indeed fortunate to have "foxes" with the excellent
operating skills we've seen lately. These operators make foxhunting that
much more enjoyable. In short: these guys are GREAT!   72/73,
Tom, N1TP, Naples, FL.

Date: Tue, 3 Mar 1998 12:44:30 +0500 (GMT-5)
From: Jim Osburn <wd9eyb@butler.indiana.net>
To: qrp-l@Lehigh.EDU
Subject: [5177] QRP Rig Idea
Message-ID: <199803030744.MAA13712@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I have had an idea for a QRP rig and I'm wondering if it's practical.
It also probably not original.

The goal is to eliminate the feedline from the transceiver to the antenna.
The advantages of doing this are easier and better antenna installation,
lower loss, lower cost, and increased safety.

These goals are met by mounting the transceiver at the antenna feed point
and using a remote control link from the control point to the transceiver.
Perhaps a modified wireless microphone can be used to link the audio
from the transceiver to the control point.

The disadvantages of doing this are the need to haul a QRP rig and
it's heavy power source up with the antenna. Also, the QRP rig needs
to operate over an extended temperature range. Also, there will be an
increased need to lower the antenna for rig maintance. Also, the
transmitted signal will interfere with the control link. Also, there
will be reduced receiver performance due to the need to link audio
from the transceiver to the control point. Also, the cost of the control
link might exceed the cost of the eliminated feedline.

Well, I thought of more reasons to not do it than to do it.
I guess it's not practical. But it was fun having the idea.

Thanks,

Jim, WD9EYB
wd9eyb@indiana.net

Date: Tue, 3 Mar 1998 13:13:59 -0500
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [5178] Friedrichshafen Hamfest
Message-ID: <61184F6C1EF9D0119A6300609798EA46A20949@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

I am seriously thinking of going to the Hamfest at Friedrichshafen,
Germany this June.   Are there any others out there planning to go ???

Maybe we could hook up ...I live in New Jersey

I would fly out of Newark or Kennedy

Clark Fishman WA2UNN   cfishman@pica.army.mil

Date: Tue, 03 Mar 1998 12:30:40 +0000
From: Jim <kj5tf@mctc.com>

To: qrp-l@lehigh.edu
Subject: [5179] AR QRP 40 & 80M nets
Message-ID: <34FBF7F0.2A33@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monday evening we had a record 16 check ins to the 80M net. Condx were
very good and the net almost overflowed, but Bob N9ZZ was able to keep
it on time.
The 40M net starts Wednesday at 7 PM central time, and again I will be
the NCS. I will be calling QST AR QRP de KJ5TF, pse QNI. At that time,
please send your full call, and when I hear you I will return your call
and AS, (stand by) while more call in. When I have the list, I will
start at the top, and go down the list for reports and comments.

Mobile stn's get put to the head of the list.

If you have a new rig, trying a new antenna, or want to tell us about
your latest DX contact, that keeps it interesting, don't be shy.
But do keep it short so everyone can get a turn. In the event of a short
list we can go around twice.

Date: Tue, 03 Mar 1998 12:41:50 +0000
From: Jim <kj5tf@mctc.com>
To: Kevin Bunin <p014455b@pb.seflin.org>
Cc: qrp-l@Lehigh.EDU
Subject: [5180] Re: AR QRP 40 & 80M nets
Message-ID: <34FBFA8E.7BED@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kevin Bunin wrote:
>
> If you want more checkins, it would help to put the 40 meter frequency in
> the message. 7 pm central time wednesday i got.
> Thanks
>
> Kevin k4pg
>
> -
> Kevin Bunin
> p014455b@pb.seflin.org

Thanks kevin, 7.042-43mHz - I'll be looking for you, Jim

Date: Tue, 3 Mar 1998 10:02:09 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [5181] Re: Golden fox es DX
Message-ID: <Pine.SUN.3.90.980303095721.1424B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 3 Mar 1998, Michael A. Gipe wrote:

> After you put yourself in the fox's log, stick around and listen to how the
> others do it. we can all learn a lot about what works and what just wastes
> energy. I opened the filters up to 2 KHz, so I could hear what was going on
> above and below N6WG. I could tell that Ron was using his "second" receiver
> function, because he was split and always waited for a millisecond lull on
> his transmit frequency before he put out his callsign. He also never called
> twice.

Thanks for the kind words Mike!

Yes, I was using the second RX in the 1000MP. This sure helps. But trying
to guess where the Fox was going to have his RX next time is always
fun!

There was a time or two that my call ended just after Bob started
he response to someone else. Other times he was loud enough that I
could hear him through the din of hounds and stop my call in mid
stride. (How does anyone manage without QSK??)

Overall a very good pile up. And a good job by the Fox!

Back to work, cul,

73, Ron,   SOWP 5545M,

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu...........Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 3 Mar 1998 12:40:06 -0700
From: ji3m@maxwell.com (James R. Duffey)
To: qrp-l@Lehigh.EDU
Subject: [5182] W3EDP and Other Long Wire Antennas
Message-ID: <v02130506b121cddb4305@[192.31.66.158]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I have been following the discussion on the W3EDP antenna with some=
 interest. I thought I would add my unsolicited $0.02 worth.

Hams often use end fed long wire antennas with a tuner as simple multiband=
 antennas. They are often used in temporary situations because they are easy=
 to erect, requiring but one support, the other end being held down by the=
 rig or station. Whether or not they are successful often depends on a=
 number of factors including the length of the wire, what kind of=
 counterpoise or ground is used and how it is fed.

How did W3EDP come up with the lengths he did, 85 feet for the main section=
 and 17 feet for the "counterpoise"? Do they have any significance?

Lets look at 20 M first. If we add 85 feet and 17 feet together we get 102=
 feet. Does that number sound familiar? It should. It is 1.5 wavelengths on=
 20 M and, remember now, the length of the flat top portion of the G5RV. So=
 on 20 M the antenna is essentially a 1.5 wavelength wire fed off center at=
 a point of maximum antenna current. An off center fed G5RV if you will.=
 (but I think the W3EDP came first) The feedpoint impedance will be=
 reasonably low, depending on the height above ground.

On 40 Meters, the 85 feet portion is 5/8 wavelength. The 5/8 wavelength=
 portion will present a low feedpoint impedance when the capacitive=
 reactance is tuned out with a small inductance at the feedpoint. The length=
 of the "counterpoise" is short in this case. Some improvement could=
 probably be had by lengthening it.

On 80 Meters, the 85 feet is slightly less than 3/8 wavelength. This pushes=
 the current maximum point out further up the wire away from the feedpoint.=
 This makes the feedpoint less dependent on the "ground" and is still rather=
 low. The slight inductance reactance can be tuned out with a small=
 capacitive reactance at the feedpoint.

There were no WARC bands or 15 M when the W3EDP was invented. 10 M was still=
 the Provence of experimenters. I don't think that W3EDP contemplated=
 operation on those bands with his antenna.

So you see W3EDP chose the lengths so that the antenna could be fed simply,= at relatively low impedance points with small, easily realizable values of= inductance and capacitance reactance if necessary.

I have not seen the original article, but I think that W3EDP originally= suggested that the 17 ft counterpoise was only optimum for one band, 20 M,= and that the length could be adjusted for optimum performance on other= bands. Does anybody have the original reference? I know that the W3EDP has= a much bigger following in Europe, particularly in G land than it does= here. I recall Pat Hawker trying to locate the original reference several= years ago in his Technical Topics column, but I don't recall ever seeing= the original reference in print.

There are two problem with long wire antennas;

1) getting them into the house

2) feeding them without getting RF all over the shack.

Someone referred to solving 1) by using capacitive feed through windows.= Others have insulated the wire and just closed the window over it. Locating= the tuner outside and feeding it with coax is another solution. The= availability of automatic tuners such as the LDG make this very feasible= these days. One should note that high voltages can exist on the end of= these wires, so even modest QRO operation should be reviewed carefully.=20

2) is usually due to a poor RF ground at the feedpoint. This can be solved= by connecting a quarter wavelength wire for each band used to the tuner= ground. This will supply a good RF ground at the tuner. These wires are not= really part of the antenna, so placement is not critical. Commonly used= ribbon cable, cut to the appropriate lengths with the ends flared can be= used for multiband counterpoise. MFJ and others have sold a "tunable= ground" which can also be used for this purpose, but the wires are simpler.= =20

In general, long wire lengths close to a multiple of half wavelength (plus= or minus an eighth wavelength or so) are best to deal with as they have= minimal ground return requirements. Lengths close to multiples of a quarter= wavelength can be difficult to deal with due to feedline radiation, or in= the absence of a feedline, power cord radiation, or radiation from= something near a quarter wavelength long connected to ground which is= trying to "make the other half of an antenna".

Efficiency problems also will occur when the wire length becomes less than a= quarter wavelength long.=20

Given this, a half wavelength at 80 meters, 135 feet or so long, is suited= for all bands from 80 M up (including the WARC bands) and can be used on=

160 M as a quarter wavelength antenna if some attention is paid to "feeder= radiation" and a proper ground system. A much better ground will be needed= on 160M than on the other bands. Elevated folded radials are suggested.

This whole thing can be fed with a L network tuner. L's have an advantage= over Tees as there is only one setting of the inductor and capacitor that= will give the proper match. As Kent Torrell pointed out, the Z-Match is a= type of L network. =20

Radiation patterns are unlikely to be in the same directions on all bands.= There will be a mixture of high and low angle radiation, depending on how= the antenna is erected. It will probably not be possible to optimize it for= all bands. On the lower bands the radiation will be mostly off the sides,= on the higher bands mostly off the ends. Most setups will consist of a= vertical portion and a horizontal portion. On the lower bands, a good rule= of thumb is the higher the better as this will increase the vertical= radiation which is at low angles, and decrease the high angle radiation= from the horizontal portion. On the higher bands, when the vertical portion= is increased above 5/8 wavelength, high angle radiation from the vertical= portion becomes significant. There is a conflict between the desire to= raise the horizontal portion to lower the angle of radiation from that= portion of the antenna, while simultaneously increasing the high angle= radiation from the vertical portion of the antenna.

The W3EDP and other end fed "long" wire antennas can be good performers. The= amount of space required is modest, and they are ideal for portable= applications as only a single support is required. The mix of vertical and= horizontal radiation can be an advantage. Problems commonly attributed to= them can be resolved with proper attention to wire length and feed= techniques.=20

A Long Post for Long Wires. Go Figure. Thats all for now. - Duffey KK6MC/5 = =20

James R. Duffey   (505) 764-3143
Principal Scientist   (505) 843-7995 (FAX)   =
 Maxwell Technologies Inc/Albuquerque Division=20
Suite 300
2501 Yale Blvd SE
Albuquerque, NM 87106

Date: Tue, 03 Mar 1998 19:42:50 +0000 (GMT)
From: Kevin Muenzler WB5RUE <wb5rue@stic.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: William R Colbert <af852@rgfn.epcc.Edu>
Subject: [5183] RE: 1750 meter band
Message-ID: <19980303194250.wb5rue@stic.net>

On af852@rgfn.epcc.Edu, William R Colbert[SMTP:af852@rgfn.epcc.Edu] wrote:
>
>

> .... Someone mentioned the
> length of the antenna as 15 feet restriction - actually it is 15 meters
> (50 ft maximum) including feedline ....

> --
> Ray Colbert, W5XE
> OOTC 3618, SOWP 1064M
> El Paso, Tx (Far West Texas)
> (also: v31xe@dzn.com)

That was me. I knew that "15" was in there somewhere. I'm doing
pretty well with my 15' vertical anyway.

72/73

Kevin, WB5RUE

Date: Tue, 3 Mar 1998 11:06:18 -0800 (PST)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [5184] Tuna Tin Two Tin Tip
Message-ID: <199803031906.LAA14120@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Glommed onto a T-T-2 PCB from Doug Hendrix at the NorCal meeting Sunday,
(nice job, Doug), made a discovery when I got home...See, my roommates are
felines, once in a while they get a treat(canned food), Sunday nite gave 'em
Friskies in the 5.5 oz. can..Hmmm, same size as a tuna can...'cept Friskies
has a pull top, and guess what, the pull top leaves a lip about .125 (1/8
for you carpenters) inch down from top, the T-T-2 PCB is a PERFECT fit,
light finger force presses it into place, no cutting, no standoffs, doesn't
even need glue or whatever...and you don't have to say what was in the can!
Now to just pair it up with my MRX-40 rcvr...Hmmm...maybe an aluminum base
to hold Tin, MRX, and batteries...
72 Doug KE6RIE

Date: Tue, 3 Mar 1998 15:09:44 EST
From: RangerSF5 <RangerSF5@aol.com>
To: qrp-l@Lehigh.EDU, QRP@QTH.NET, NJQRP@NJQRP.ORG
Subject: [5185] Re:mfj rig info / and a bit of Blonde
Message-ID: <2130ed08.34fc638a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Just want to thank all the people for the nice letters I received
The MFJ is a darn good radio and to many are sitting aroung collecting dust
Just my own tip I replaced the diodes in the rx with good quality RCA type.
Gets rid of a lot of the hissing in some rigs.
I also found that an audio amp kit is the best way to go.
Some of you reported that you cannot "E" mail me through the nj qrp address.
If you looked on the member list,the address is wrong
Out of this long list 1 keeps returning.<W.dillion@ic.ac.uk>
It also returned from my JUNO account
Well, I guess most of you see ABC and i'm sure you know it should be AGC but
the Blonde did it.
She also thought that Ham radio was a world wide club for lonely Men and wants
to know why we fool with all those wires and send morse code when everyone can
have a cel phone.What can I say,She is very cute.
Don't hesitate to send me any info you come up with.
Now on with the next project.
An RIT for the MFJ SSB RIGS
Take care all and good luck qrp dxing
Bob
WA2HOQ

Date: Tue, 3 Mar 1998 16:16:44 -0800
From: "walter.b.thomas.1@pop300.gsfc.nasa.gov" <wthomas@pop300.gsfc.nasa.gov>
To: qrp-l@Lehigh.EDU
Subject: [5186] re:FS: NC38S Unbuilt
Message-ID: <v03007800b1224d10f92d@[128.183.210.205]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The FS NC38S (the one **after** the "LAST 38Spec ON EARTH !!" - HiHi)
is spoken for.

Date: Tue, 3 Mar 1998 15:27:54 EST
From: Robsparks <Robsparks@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [5187] forward post on OHR 100/Explorer II
Message-ID: <6edaf413.34fc67cd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Following is a mesage from William H. Phinizy to me, forwarded with his permission. It is representaive of the response I got on OHR:

Rob

I can't compare the OHR 100A (which I builkt and am using) to the Explorer II, but I can tell you that the OHR 100A is a *great* radio for $100 (on sale at that price for a while, anyway). The receiver is about 90-95% as sensitive as my TS-440S. Not a scientific measurement, granted, but it is pretty sensitive. The rig offers RIT and a 400-hz filter. Mine puts out 4.75 watts with a wimpy 12-volt gel cell (5+ watts for a full 13.5 VDC).

The construction was relatively easy. Dick let's you get the whole rig done before you do any checks, so I double checked all components before I soldered and *carefully* went through the instructions twice before putting the coal to it. I just made one serious mistake (it's red-WHITE-blue on the main tuning pot, not red-BLUE-white).

I am in Fountain Valley, California and my first contact was a 339 from Huntington Beach (10 miles away). I figure that this is a refreshing change from the "I was firing it up into a dummy load and a guy from Lithuania who was using a crystal set and a grid-dip oscillator gave me a 20-over 599 report". Subsequent contact were more exciting.

Also, they're right. It's a real gas working someone on a rig that you built all by yourself.

Dick, KE8KL, says he is working on a new design to replace the OHR 400 and plans to sell it for around $300 (competitive with the Sierra).

I just sent you this reply. If you think it's worthy, please post it for me.

-

Date: Tue, 3 Mar 1998 15:27:53 EST
From: Robsparks <Robsparks@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [5188] OHR Exporer II vs 100A and to Conrad NN6CW
Message-ID: <6b5dc013.34fc67cb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello Folks,

Thanks for your replies! I got many responses to my question and ALL of the responses were complimentary of Dick at OHR and the fine little rigs he sells. I, too, was favorably impressed with my OHR kit and with Dick when I called him with a problem. I built the Exlpoer II for 40 meters and have used it a "lot" but mostly just for listening. I have it on my bedside table and listen to QSOs at night when I can't sleep (usually) and in the morning early as I consume coffee. For this purpose alone it has been well worth the few dollars outlay for the kit. I charge its gel cell about once a month. I have used it for tx only a few times, one of these times in a contest. My reply RSTs in QSOs have been consistently lower than what I usually receive when I use my MFJ 9030. I do not have a watt meter, so perhaps the power needs a bit of peaking in the Explorer. Also, I use a tuned dipole for my 30 m MFJ and use a windom with an ant tuner for the OHR. Again, another variable.

Conrad, the Explorer II will fit easily in a backpack and has enough room within to accomodate the K1EL keyer. I have even eyballed it for holding 10 AA rechargeable nicads to complete a self-contained rig (maybe velcro a solar cell on top?). It is miserly on power (I think about 40ma on rx) so a small gel cell is all you would need. I understand that other rigs such as the Sierra might be more weight and power efficient, but I have no experience with them. I think Norcal has a comparison chart of all of the small rigs and ancillary equipment on their web page.

Folks, it looks like the OHR rigs were winners for all who responded. Not a naysayer in the bunch which is a real record for this group! It looks like the 100A has a bit more oomph than the Explorer. "Solid as a rock" was a term I read more than once in the replies. Mine drifts a bit on warm up (5 minutes) then settles in nicely.

Bottom line: good stable rig, easy to build, well thought out kit, good support from Dick. A hard combo to beat in today's stamp 'em out and sell 'em world. Thanks everyone for your help. I am also forwarding one response with permission that is relevant.

72/73

Bob AB5ZD QRP-L 185

Date: Tue, 3 Mar 1998 14:40:17 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@lehigh.edu
Subject: [5189] 40 MTR LOOP (NEW UN)
Message-ID: <199803032040.OAA00957@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High their: :-)

well, got the new loop up... a multi wire loop... solid 14ga copper, rg58u, twinlead and a hope and a prayer... :-)
works just fine on forty, twenty, ten with only the balun... it's also 142 ft. long and only about 45 ft. high
It does seem to pick up some stations better than the other loop (they are 90* to each other... So this project is more or less a success and time to take them down in a week or so and try another ant...
any ideas on how I could use some (two) wire verticals and vary the phasing so I could rotate the signal... I really want to do some dx on forty... bye now
Joel wa5cvm in maine...

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
40 mtr loop up 50ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Tue, 03 Mar 1998 20:51:44 +0000
From: Ed Loranger <we6w@qsl.net>
To: Robsparks@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [5190] Re: forward post on OHR 100/Explorer II

Message-ID: <34FC6D60.152B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rob, I'm still rolling on the floor after reading the quote
of what W. H. Phinizy said!

Whenever I need a great laugh regarding what I've heard done
with QRP, I'm re-reading the line below...

Thanks for making my day.

Robsparks wrote:
>
> Following is a mesage from William H. Phinizy to me, forwarded with his
> permission. It is representaive of the response I got on OHR:
>
> Rob
>
<snip gud info>
>
> I am in Fountain Valley, California and my first contact was a 339 from
> Huntington Beach (10 miles away). I figure that this is a refreshing change
> from the "I was firing it up into a dummy load and a guy from Lithuania who
> was using a crystal set and a grid-dip oscillator gave me a 20-over 599
> report". Subsequent contact were more exciting.

Haaa,hee,whoooo,,,
ahhhh, stop, stop please....heee, ha, ha ,ha I can't breathe.

Thanks!
Oh, and the OHR info is neat too!
-Ed (Owner of OHR-100 original.)

--
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Tue, 03 Mar 1998 15:54:39 -0500
From: joel malman <malman@world.std.com>
To: qrp-l@lehigh.edu
Cc: malman@world.std.com
Subject: [5191] beacon watchers ...
Message-ID: <199803032054.AA11266@world.std.com>

If you are a QRP beacon watcher, here is one for you:

IK6BAK
18,068.1
5 watts
message = HTTP address of station

I heard him at 2030z 3/3/98

good luck,

/joel

Date: Tue, 03 Mar 1998 13:10:23 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@lehigh.edu
Cc: ki6ds@telis.org, wager@juno.com
Subject: [5192] NorCal Meeting Report with Pictures Posted
Message-ID: <2.2.32.19980303211023.00c8da4c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The March NorCal Meeting Report has been posted on the NorCal Page

complete with pictures.

http://www.fix.net/norcal.html

Enjoy,,,72,,,Jerry...WA6OWR...K

Date: Tue, 03 Mar 1998 14:51:17 -0500
From: Dave Redfearn <n4elm@ipass.net>
To: qrp-l@lehigh.edu

Subject: [5193] FS: T-T Century 21
Message-ID: <34FC5F34.EE72D8B7@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Not Quite QRP

Ten-Tec Century 21 HF CW transceiver
80 - 10 Meters (No WARC), 75 watts input - approx. 35 watts output
Direct conversion receiver, RIT, CW audio filter.
(Analog frequency display).
Built-in AC power supply.

With KR-5A keyer/paddle and manual.
$200.00 + shipping

Not exactly QRP:

Complete Lowe HF-150 Shortwave Station.
$900.00   E-mail for details.

73 - Dave, N4ELM

==========
Email: n4elm@NOJUNKipass.net   (Remove NOJUNK to reply)

Date: Tue, 03 Mar 1998 16:05:30 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-l@Lehigh.EDU
Subject: [5194] FS: TS-520S/CW Filter/MC-50/DS-1A
Message-ID: <19980303.160502.4767.1.nq2rp@juno.com>

This is a complete station, but has no WARC bands. 160 - 10 Meters SSB & CW, includes the 250Hz CW filter, MC-50 desk mike and the DS-1A DC power module for 12 VDC operation such as mobile or portable/emergency. Built-in 120/220VAC power supply. About 15 - 20 years old, but runs like a champ. No mods have been done to this rig...

Asking $350 plus shipping

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

Date: Tue, 03 Mar 1998 16:05:29 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-l@lehigh.edu
Subject: [5195] FS: (again) FT-747
Message-ID: <19980303.160502.4767.0.nq2rp@juno.com>

The deal fell thru and I have the Yaesu FT-747 back on the block.

160 - 10 Meters, General coverage RX and TX, up to 100 watts out on SSB/CW and FM, 25 watts on AM but will crank down to milliwatts with ease, includes the FM board and all the standard filters (CW filter is included), Semi-QSK. A nice rig for mobile or fixed/portable operation

Asking $400 plus shipping

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

Date: Tue, 03 Mar 1998 16:05:30 EST
From: nq2rp@juno.com (B/BAMS Club Station)

To: qrp-l@Lehigh.EDU
Subject: [5196] FS: Tandy Model 100 "QRP Computer"
Message-ID: <19980303.160502.4767.2.nq2rp@juno.com>

Well, not really, but it only takes four "AA" batteries. The Model 100
is a laptop with a 40-column LCD display. It has 16K of RAM (battery
backed-up), BASIC and a terminal program built in. Perfect for a BASIC
logger, Packet/PACKTOR/AMTOR/RTTY terminal or whatever for your portable
operation.

This predates MS/DOS, Windows and all that, but it does work (and quite
well, thanks....)

Asking $60 plus shipping

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

Date: Tue, 03 Mar 1998 21:11:55 +0000
From: Ed Loranger <we6w@qsl.net>
To: malman@world.std.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [5197] Re: beacon watchers ...
Message-ID: <34FC721B.7C71@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Joel, do they have the ":" character programmed in?

You know ":" is ---... in CW. I sent it once and
kept getting "pse rpt webpage"

Finally I go: "Oh, that's a colon, ---..."
http://www.qsl.net/we6w

So, did they program the ":" colon in the Beacon?

joel malman wrote:
>
> If you are a QRP beacon watcher, here is one for you:
>
> IK6BAK
> 18,068.1
> 5 watts
> message = HTTP address of station
>
> I heard him at 2030z 3/3/98

-Ed
--
72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
http://www.qsl.net/we6w (Enjoying Ham Radio every day.)

Date: Tue, 3 Mar 1998 13:27:08 -0800 (PST)
From: David Feldman <dgf@netcom.com>
To: qrp-l@lehigh.edu
Subject: [5198] Re: FS: Tandy Model 100 "QRP Computer"
Message-ID: <199803032127.NAA29020@netcom4.netcom.com>

nq2rp@juno.com (B/BAMS Club Station) writes,

>Well, not really, but it only takes four "AA" batteries. The Model 100
>is a laptop with a 40-column LCD display. It has 16K of RAM (battery
>backed-up), BASIC and a terminal program built in. Perfect for a BASIC
>logger, Packet/PACKTOR/AMTOR/RTTY terminal or whatever for your portable
>operation.

Can't resist... a more modern QRP Computer is the HP OMNIBOOK 300, which
also runs off 4 AA cells, but does DOS5 and Windows 3.1 and weights
2.8 pounds and is not expensive when bought used. Definately in the spirit
of the Model 100!

73 Dave WB0GAZ dgf@netcom.com

Date: Tue, 3 Mar 98 15:31:02 CST

From: QLF%mimi@magic.itg.ti.com
To: qrp-l@lehigh.edu
Subject: [5199] KEYERS
Message-ID: <9803032131.AA28804@itg.ti.com>

From: Brad Bradfield   QLF

Subj: KEYERS

Good afternoon QRP'er Dudes and Dudettes - - -

A couple days ago I posted a For Sale notice on my Super Keyer-II, along with a bit of my history with keyers going back to 1970. The Super Keyer sold in an hour or so. Ain't this list great!

I got to thinking a bit more about my original 1970 vintage keyer, and decided to try and track down the original article. Hopefully one of you magazine collectors out there can help me out with a copy of the original article. The keyer was called a Digi-Key or Digi-Keyer and had three (I think) RTL IC's and a single 2n4888 output transistor. It was originally published in the first half of 1970 or so, although it could have been in late 1969 too, I guess. I don't remember for sure which magazine it was in, but think it was probably either 73 or CQ. The assembled board was available from an individual or small company in Minnesota somewhere.

If anyone can help me out with a copy of this article, I'l gladly reimburse you for copying and postage.

72's es 73's,

Brad, WB0CGH

qlf@msg.ti.com

108 Forestwood
Corinth, TX 76205

PS - Lemme tellya. If anyone wants practice working DX pile ups, all you have to do is get in there and try to work the fox. Last night's pile up, even late in the period, sounded like it could rival the Heard Island pile ups last year! And the fox was doing a great job of runnin' 'em.   bvb

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Date: Tue, 3 Mar 1998 17:28:29 -0500
From: "David Maliniak" <dmaliniak@penton.com>

To: qrp-l@Lehigh.EDU
Subject: [5200] W3EDP
Message-ID: <852565BC.007A8612.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Been following the assorted posts on this antenna with great interest. I'm a fan of the W3EDP, particularly for portable operating, for all the reasons already mentioned (single support, multiband operation, etc.). I've also been using one at home now for a number of months. I have no problems with RF in the shack and have been getting moderate to good results all along. My wire is 28 AWG stranded and insulated (black). Runs right out over the back door of my garage and almost straight up into a big tree that, thankfully, lives behind my house. It leans to the north just a bit but is best described as an end-fed vertical as currently installed. I'd say I have a 50-foot-plus vertical run. The business end of the wire goes straight to my homebrew Z-match tuner's random-wire input. Oh yeah, and mine is *exactly* 85 feet long, Bob K. :-)

This setup lets me check into the Knightlites Sunday night net on 80 meters with little difficulty. I've worked foxes in Texas, Ohio, and Alabama. I've also used it to make QRP SSB contacts with African and European stations on 20 meters. I guess I'm saying it works FB for me. Can't beat the price, either.

72 David N2SMH
Glen Rock, NJ

Date: Tue, 3 Mar 1998 17:23:07 EST
From: Shephed <Shephed@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [5201] Fox ????
Message-ID: <cce7df49.34fc82cd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Rumor has it that the once N/T+ Fox, N8VZU is considering being a Fox next Sunday night. That would be 2/9/98 0100Z to 0300Z (Sunday night 2/8/98 8-9PM EST) around 7.042 +/-.

Now think of it, he sheds his old worn out N/T+ Pelt for a new shinny A/G pelt, just ripe for the picking. Man if only he knew what he was getting into.

:-)

Will he, won't he? Stayed tuned for further updates.

Date: Tue, 3 Mar 98 12:39:31 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@lehigh.edu
Subject: [5202] FISTS Buro
Message-ID: <9803032239.AA02748@krypton.nmr.Hawaii.Edu>

I worked several hams during my last outting and they said to
QSL via FISTS Buro. Could someone give me info on where to send
my envelope etc?   I have already QSL'ed direct to all US and
Canadian Hams I worked during my QRPTTRF.

Also I just purchased a great backpack that I am going to outfit
with a rig. We have a conference coming up on the Big Island and
several are talking about taking a famous trail hike over there.
However, it is a killer if you go all the way. On the other hand,
there appears to be several nice places to stop, set up a rig and
wait for the more self-abusive to stagger back on the return trip.

Time to build that Norcal 40a, or get in good enough shape to lug
the 10 amphour battery and the TenTec556 five miles or so.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
 HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

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Date: Tue, 3 Mar 1998 13:40:57 -0900
From: "Larsen, Jim" <JLarsen@alascom.att.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [5203] Fox Coordination
Message-ID: <EAAF194D47B2D11189E6006097E5893A07768E@alascomexca.alascom.att.com>
MIME-Version: 1.0
Content-Type: text/plain

Am I correct in assuming that all official Fox activities should be
coordinated through K5FO at
adams@chuck.dallas.sgi.com   ?

I am hoping to operate on a Sunday night from KL7Y QTH but don't want to

be in conflict with other "legal" Fox stations.

73, Jim, AL7FS

Date: Tue, 03 Mar 1998 17:57:19 EST
From: kh6b@juno.com (Dean W Manley)
To: qrp-l@lehigh.edu
Cc: kh6b@juno.com
Subject: [5204] If it's not 84 feet, it's not W3EDP
Message-ID: <19980303.005630.5391.1.kh6b@juno.com>

Aloha group, W3EDP antenna, reported in March
1936 QST by Yardley Beers W3AWH (now W0JF).
H J Siege; W3EDP "a one-hundred-foot roll of wire
was hung up to his mast and tried for several weeks
on 7 mc. The results were carefully tabulated, with
due allowance being made for adverse conditions.
Four feet of wire was then cut off and this process
repeated. Almost every reasonable antenna length
was tried, and then the entire process was repeated
several times. When all the tabulations were complete,
a length of 84 feet seemed to stand out as being the
best of all the combinations tried."
"Not liking entirely the idea of an end-fed single wire
antenna, W3EDP set about to find a counterpoise
for the results with his 84-foot antenna. Going through
the pruning process similar to that with the antenna
itself produced a counterpoise length of 17 feet as the
one working best in combination with the antenna.
This combination seemed to work excellently on 160,
80, 40 and 10 meters, but on 20 meters a counterpoise
length of 6-1/2 feet seemed to outshine all others."
Also: "...The Antenna and counterpoise are at right
angles to each other."
FYI, from the 1940 Call Book, H J Siegel W3EDP,
208 Renfrew Ave., Trenton NJ.
Even though the antenna has been written up in most
editions of Radio Communications Handbook (RSGB),
as well other publications, we know where it started.

73 and Aloha, Dean Manley KH6B
ARRL Life Member, HI Chapter QCWA, ARCI 6257,
QRP-L 1032, G-QRP 9941, HI-QRP 1, AK-QRP 339,
NorCal 1928, NW QRP 470, OOTC 3642
kh6b@juno.com   VTI / W9SAL BK29kp   Hilo HI

Date: Tue, 3 Mar 1998 17:56:51 +0000
From: "Nancy WZ8C" <nancy@tir.com>
To: qrp-l@Lehigh.EDU
Subject: [5205] FISTS Buro
Message-ID: <199803032300.SAA18436@sun.tir.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Mike,

The FISTS bureau handles cards for US and DX FISTS contacts.
 Send your cards/envelopes to Stan Reas, 1020 Long Island Dr, Moneta
VA 24121. Your subscription must be current and you need an envelope
on file to get cards.

The info is on the How Do I... page of the Keynote each month, as
well as on the web page http://www.FISTS.org

73
Nancy

Date: Tue, 03 Mar 1998 17:28:57 -0600
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [5206] DCTL Antenna No Fluke
Message-ID: <34FC9168.C5A@uts.cc.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

After the CQC Winter Sprint was finished, I was overjoyed to report that
I worked Texas to California using a Distributed Capacitance Twisted

Loop. It's little loop antenna about 17 feet long in the shape of an inverted delta loop antenna and I fed it with coax and no antenna tuner.It was leaning against the bedroom wall on the second story of my house. I thought it might have been a fluke, maybe the propagation gods were rewarding me for all the previous thunder crashes and lightning bolts thrown my way.

BUT, last night I worked California again. Thanks to the good ears of Dan, AC6LA we had a short, but rewarding two way QRP qso. He was running 5 watts into a Kenwood and a vertical loop and I was running 2 watts into the DCTL. I gave him a 579 cuz he was coming in loud and the propagation was very good. He gave me a 339, but once again, I'll take anything I can get. It took Dan a few tries to get my call, but then he copied my name, pwr, etc. Talk about good ears!!!

After I signed off, I realized that I had the loop in a different location and a huge metal furnace was between the loop and California. I was amazed Dan heard me at all.

I'll keep trying the loop and let you know how it works. So far, I've made three contacts with it. Two in California and one in North Texas...almost another state :-) Maybe this weekend I'll get some pictures taken and a brief description with an SWR chart put up on my web page. If you are antenna challenged and can't put up an antenna outside, you might want to give this little loopy a try. I'll bring in the QST reference and post it tomorrow.

Having fun with indoor antennas....

Gary, KJ5VW

Date: Tue, 3 Mar 1998 17:28:08 -0600
From: launerb@crl.com (William H. Launer)
To: qrp-l@Lehigh.EDU
Subject: [5207] OHR 100A Complete
Message-ID: <v01530503b12240ec674a@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

qrp-l gang,

I've just completed an OHR100A 40 meter transceiver from Oak Hills Research. The board is a little tight (best to do the soldering under a magnifying lamp). The manual is excellent, and alignment is simple and straightforward.

The receiver section is sensitive, has RIT, RF gain control, and variable
bandwidth.

I've not made any contacts with it yet; I just completed the alignment a
few minutes ago.

I also built the DD-1 Digital Dial; now if I can figure out how to program
it! It works well in Direct Mode, even though the MHz reading is 16 MHz
instead of 7 MHz.

72/73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551
Grid Square EM48RT

Date: Tue, 3 Mar 1998 19:34:56 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: <jdenison@morelr.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [5208] Re: 40 MTR LOOP (NEW UN)
Message-ID: <199803032321.SAA19489@atl.org>

Joel-
If you go the 1/8 highx3/8 wide vertucal plane loop
the radiation is broadside. Vertical polarization on fundamental and
horizontal at 2 x fundamental (according to my envelope scratching)
Feed that puppy at 1/8 wave from bottom corner with openwire
that is a 1/4 wave multiple at 2 x wavelength and almost any
tuner will do a good job. I have one that is 80m fundamental
(better to be 30 feet too long than a foot too short) and can QEP
VK/ZL from Georgia on 80. It os low angle without having to be too high
and has definite broadside gain (I'm feeding 1/8 wave from corner)

bob
wb4mnf

Been using this since 1983

| From: JOEL DENISON <jdenison@morelr.com>
| To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
| Subject: 40 MTR LOOP (NEW UN)
| Date: Tuesday, March 03, 1998 8:40 PM
|
| High their: :-)
|
| well, got the new loop up... a multi wire loop... solid 14ga
copper,
| rg58u, twinlead and a hope and a prayer... :-)
| works just fine on forty, twenty, ten with only the balun... it's
| also 142 ft. long and only about 45 ft. high
| It does seem to pick up some stations better than the other loop
| (they are 90* to each other... So this project is more or less a success
and
| time to take them down in a week or so and try another ant...
| any ideas on how I could use some (two) wire verticals and vary
the
| phasing so I could rotate the signal... I really want to do some dx on
forty...
| bye now
| Joel wa5cvm in maine...
|
| God Bless
| Joel
|
| WA5CVM   Gentlemen don't Cry, They QSY :-)
| Joel Denison   Gentle Lady (RC Sail Plane)(049 engine -
start)
| PO BOX 542   40 mtr loop up 50ft
| Strong, Maine 04983   QRP ARCI 4066   NEW ENGLAND QRP 476 QRP-L
765
| jdenison@morelr.com   AK/QRP 109
|
|

End of QRP-L Digest 1018
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